IN THE CLAIMS

The claims are as follows:

- (Previously Presented) A composition comprising at least two recombinant adenoassociated viruses (AAV), comprising:
 - a first recombinant AAV comprising a first recombinant DNA molecule comprising linked:
 - a first DNA segment comprising a 5'-inverted terminal repeat of AAV;
 - a second DNA segment which comprises a cis-acting heterologous transcriptional regulatory element; and
 - a third DNA segment comprising a 3'-inverted terminal repeat of AAV;
 - a second recombinant AAV comprising a second recombinant DNA molecule comprising linked:
 - a first DNA segment comprising a 5'-inverted terminal repeat of AAV;
 - a second DNA segment which comprises an entire open reading frame for a therapeutic gene product; and
 - iii) a third DNA segment comprising a 3'-inverted terminal repeat of AAV, wherein the recombinant DNA molecules of the two rAAVs, when contacted with a host cell, become linked, forming a molecule which has the cis-acting heterologous transcriptional regulatory element 5' to the open reading frame, wherein the cis-acting heterologous transcriptional regulatory element is positioned in the first recombinant DNA molecule so that after linking the cis-acting heterologous transcriptional element regulates transcription of the gene product encoded by the open reading frame, wherein if the cis-acting heterologous transcriptional regulatory element is an enhancer, transcription of the open reading frame is enhanced by the enhancer, wherein if the cis-acting heterologous transcriptional regulatory element is a promoter, transcription of the open reading frame is initiated at the promoter, and wherein the first recombinant DNA molecule does not encode a protein.

- 2. (Withdrawn) The composition of claim 1 further comprising a delivery vehicle.
- (Withdrawn) The composition of claim 2 where the vehicle is a pharmaceutically acceptable carrier.
- 4-7. (Canceled)
- (Withdrawn) The composition of claim 1 wherein the second DNA segment of the first recombinant DNA molecule comprises an enhancer.
- 9. (Previously Presented) The composition of claim 1 wherein the second DNA segment of the first recombinant DNA molecule comprises a heterologous promoter.
- 10. (Withdrawn) The composition of claim 1 wherein the second DNA segment of the second recombinant DNA molecule comprises the open reading frame but not a heterologous promoter.
- 11. (Withdrawn) The composition of claim 10 wherein the second DNA segment of the first recombinant DNA molecule comprises a heterologous promoter.

12-18. (Canceled)

19. (Previously Presented) A first recombinant adeno-associated viral vector comprising at least one cis-acting heterologous transcriptional regulatory element functional in a host cell, which cis-acting heterologous transcriptional regulatory element is positioned in the vector so that the cis-acting heterologous transcriptional element is capable of regulating, in the host cell, transcription of an entire open reading frame for a therapeutic gene product encoded by a second recombinant adeno-associated viral vector, after sequences in the first and second recombinant adeno-associated virus vectors become linked in the host cell, wherein the cis-acting heterologous transcriptional regulatory element is a promoter; and transcription of the open

reading frame is initiated at the promoter, and wherein the first recombinant adeno-associated viral vector does not encode a protein.

- 20. (Canceled)
- 21. (Withdrawn) The vector of claim 19 wherein the element is an enhancer.
- 22. (Canceled)
- 23. (Withdrawn) A plasmid comprising the vector of claim 19.
- (Canceled)
- 25. (Previously Presented) A host cell contacted with at least two recombinant AAV, wherein a first recombinant AAV (rAAV) comprises a first recombinant DNA molecule comprising linked:
 - a first DNA segment comprising a 5'-inverted terminal repeat of AAV;
 - ii) a second DNA segment which comprises a promoter; and
 - a third DNA segment comprising a 3'-inverted terminal repeat of AAV;
 and

- i) a first DNA segment comprising a 5'-inverted terminal repeat of AAV;
- a second DNA segment which comprises an entire open reading frame for a therapeutic gene product; and
- iii) a third DNA segment comprising a 3'-inverted terminal repeat of AAV, wherein the promoter in the first rAAV regulates transcriptional expression of the gene product encoded by the open reading frame in the second rAAV in a host cell contacted with the first and second rAVVs, and wherein the first rAAV does not encode a protein.

 (Previously Presented) A method to transfer recombinant DNAs to a host cell, comprising: contacting the host cell with at least two rAAV,

wherein a first rAAV comprises a first recombinant DNA molecule comprising linked:

- a first DNA segment comprising a 5'-inverted terminal repeat of AAV;
- ii) a second DNA segment which comprises a promoter; and
- a third DNA segment comprising a 3'-inverted terminal repeat of AAV;
 and

- i) a first DNA segment comprising a 5'-inverted terminal repeat of AAV;
- a second DNA segment which comprises an entire open reading frame for a therapeutic gene product; and
- iii) a third DNA segment comprising a 3'-inverted terminal repeat of AAV, wherein the second rAAV does not comprise a heterologous promoter 5' to the open reading frame, and wherein the first rAAV does not encode a protein.
- 27. (Withdrawn) A method to transfer and express a polypeptide in a host cell comprising contacting the host cell with the composition of claim 1.
- 28. (Withdrawn) The method of claim 26 or 27 wherein the second DNA segment of the first recombinant DNA molecule comprises a portion of an open reading frame operably linked to a promoter.
- 29. (Withdrawn) The method of claim 28 wherein the first recombinant DNA molecule comprises a splice donor site 3' to the open reading frame.
- (Withdrawn) The method of claim 29 wherein the second DNA segment of the second recombinant DNA molecule comprises the remainder of the open reading frame which together

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with the second DNA segment of the first recombinant DNA molecule encodes a full-length polypeptide.

- 31. (Withdrawn) The method of claim 30 wherein the second DNA segment of the second recombinant DNA molecule comprises a splice acceptor site 5' to the remainder of the open reading frame.
- 32. (Withdrawn) The method of claim 26 or 27 wherein the second DNA segment of the first recombinant DNA molecule comprises an enhancer.
- 33. (Withdrawn) The method of claim 26 or 27 wherein the second DNA segment of the first recombinant DNA molecule comprises a promoter.
- 34. (Withdrawn) The method of claim 32 wherein the second DNA segment of the second recombinant DNA molecule comprises at least a portion of an open reading frame.
- 35. (Withdrawn) The method of claim 33 wherein the second DNA segment of the second recombinant DNA molecule comprises at least a portion of an open reading frame.
- 36. (Withdrawn) The method of claim 34 wherein the second DNA segment of the second recombinant DNA molecule further comprises a promoter operably linked to the open reading frame.
- 37. (Withdrawn) The method of claim 35 wherein the second DNA segment of the second recombinant DNA molecule further comprises a promoter operably linked to the open reading frame.

38-45. (Canceled)

- 46. (Previously Presented) The composition of claim 1 wherein the second DNA segment of one of the vectors comprises a heterologous transcriptional regulatory element.
- 47. (Canceled)
- 48. (Withdrawn) The method of claim 26 or 27 wherein the second DNA segment of one of the vectors comprises a heterologous transcriptional regulatory element.
- 49. (Withdrawn) A method to enhance the expression of a polynucleotide in a host cell, comprising: contacting a host cell comprising a recombinant AAV vector comprising a polynucleotide segment which encodes a polypeptide, with a composition comprising a further recombinant AAV vector corresponding to the vector of claim 19 in an amount which enhances expression of the polynucleotide.
- 50. (Withdrawn) A method to enhance the expression of a polynucleotide in a host cell, comprising: contacting a host cell comprising a recombinant AAV vector corresponding to the vector of claim 19, with a composition comprising a further recombinant AAV vector comprising a polynucleotide segment which encodes a polypeptide, in an amount which enhances expression of the polynucleotide.
- 51. (Withdrawn) A method to enhance the expression of a polynucleotide in a host cell, comprising: contacting a host cell with a recombinant AAV vector corresponding to the vector of claim 19 and a further recombinant AAV vector comprising a polynucleotide segment which encodes a polypeptide, in an amount which enhances expression of the polynucleotide in the cell.
- 52. (Withdrawn) The method of claim 49 or 50 wherein the composition further comprises a delivery vehicle.
- 53. (Withdrawn) The method of claim 52 wherein the delivery vehicle is a pharmaceutically acceptable carrier.

54. (Withdrawn) The method of claim 49, 50 or 51 wherein heterologous transcriptional regulatory element in the recombinant AAV corresponding to the vector of claim 19 is a promoter.

55-57. (Canceled)

- 58. (Previously Presented) The vector of claim 19 wherein expression of the gene product in the host cell does not rely on splicing.
- 59. (Previously Presented) The composition of claim 1 wherein expression of the gene product in the host cell does not rely on splicing.
- 60. (Previously Presented) A first rAAV comprising a first recombinant DNA molecule comprising linked: a first DNA segment comprising a 5'-inverted terminal repeat of AAV; a second DNA segment which comprises a promoter; and a third DNA segment comprising a 3'-inverted terminal repeat of AAV, wherein the first rAAV does not encode a protein; and

a second rAAV comprising a second recombinant DNA molecule comprising linked: a first DNA segment comprising a 5'-inverted terminal repeat of AAV; a second DNA segment which comprises an entire open reading frame for a therapeutic gene product; and a third DNA segment comprising a 3'-inverted terminal repeat of AAV,

wherein the promoter in the first rAAV regulates transcriptional expression of the gene product encoded by the open reading frame in the second rAAV in a host cell contacted with the first and second rAAVs.

61. (Previously Presented) A first rAAV comprising a first recombinant DNA molecule comprising linked: a first DNA segment comprising a 5'-inverted terminal repeat of AAV; a second DNA segment which comprises a promoter; and a third DNA segment comprising a 3'-inverted terminal repeat of AAV, wherein the first rAAV does not encode a protein; and

a second rAAV comprising a second recombinant DNA molecule comprising linked: a first DNA segment comprising a 5'-inverted terminal repeat of AAV; a second DNA segment which comprises an entire open reading frame for a therapeutic gene product; and a third DNA segment comprising a 3'-inverted terminal repeat of AAV,

wherein the second rAAV does not comprise a heterologous promoter 5' to the open reading frame.

- (Previously Presented) The first rAAV of claim 60 wherein the second DNA segment of the first rAAV further comprises an enhancer.
- 63. (Previously Presented) A composition comprising a first rAAV comprising a first recombinant DNA molecule comprising linked: a first DNA segment comprising a 5'-inverted terminal repeat of AAV; a second DNA segment which comprises a promoter; and a third DNA segment comprising a 3'-inverted terminal repeat of AAV, wherein the first rAAV does not encode a protein; and

a second rAAV comprising a second recombinant DNA molecule comprising linked: a first DNA segment comprising a 5'-inverted terminal repeat of AAV; a second DNA segment which comprises an entire open reading frame for a therapeutic gene product; and a third DNA segment comprising a 3'-inverted terminal repeat of AAV,

wherein the promoter in the first rAAV regulates transcriptional expression of the gene product encoded by the open reading frame in the second rAAV in a host cell contacted with the first and second rAAVs.

- 64. (Previously Presented) The composition of claim 63 further comprising a pharmaceutically acceptable carrier.
- 65. (Previously Presented) The first rAAV of claim 61 wherein the second DNA segment of the first rAAV further comprises an enhancer.

66. (Previously Presented) A composition comprising a first rAAV comprising a first recombinant DNA molecule comprising linked: a first DNA segment comprising a 5'-inverted terminal repeat of AAV; a second DNA segment which comprises a promoter; and a third DNA segment comprising a 3'-inverted terminal repeat of AAV, wherein the first rAAV does not encode a protein; and

a second rAAV comprising a second recombinant DNA molecule comprising linked: a first DNA segment comprising a 5'-inverted terminal repeat of AAV; a second DNA segment which comprises an entire open reading frame for a therapeutic gene product; and a third DNA segment comprising a 3'-inverted terminal repeat of AAV,

wherein the second rAAV does not comprise a heterologous promoter 5' to the open reading frame.

- (Previously Presented) The composition of claim 66 further comprising a pharmaceutically acceptable carrier.
- (Previously Presented) A host cell contacted with at least two rAAV,
 wherein a first rAAV comprises a first recombinant DNA molecule comprising linked:
 - i) a first DNA segment comprising a 5'-inverted terminal repeat of AAV;
 - ii) a second DNA segment which comprises a promoter; and
 - a third DNA segment comprising a 3'-inverted terminal repeat of AAV;
 and

- i) a first DNA segment comprising a 5'-inverted terminal repeat of AAV:
- a second DNA segment which comprises an entire open reading frame for a therapeutic gene product; and
- iii) a third DNA segment comprising a 3'-inverted terminal repeat of AAV, wherein the second rAAV does not comprise a heterologous promoter 5' to the open reading frame, and wherein the first rAAV does not encode a protein.

 (Previously Presented) A method to transfer recombinant DNAs to a host cell, comprising: contacting the host cell with at least two rAAV,

wherein a first rAAV comprises a first recombinant DNA molecule comprising linked:

- i) a first DNA segment comprising a 5'-inverted terminal repeat of AAV:
- ii) a second DNA segment which comprises a promoter; and
- a third DNA segment comprising a 3'-inverted terminal repeat of AAV;
 and

- i) a first DNA segment comprising a 5'-inverted terminal repeat of AAV;
- a second DNA segment which comprises an entire open reading frame for a therapeutic gene product; and
- iii) a third DNA segment comprising a 3'-inverted terminal repeat of AAV, wherein the promoter in the first rAAV regulates transcriptional expression of the gene product encoded by the open reading frame in the second rAAV in a host cell contacted with the first and second rAVVs, and wherein the first rAAV does not encode a protein.